

show files
File 610:Business Wire 1999-2003/Dec 30
(c) 2003 Business Wire.
File 810:Business Wire 1986-1999/Feb 28
(c) 1999 Business Wire
File 476:Financial Times Fulltext 1982-2003/Dec 30
(c) 2003 Financial Times Ltd
File 624:McGraw-Hill Publications 1985-2003/Dec 29
(c) 2003 McGraw-Hill Co. Inc
File 634:San Jose Mercury Jun 1985-2003/Dec 29
(c) 2003 San Jose Mercury News
File 20:Dialog Global Reporter 1997-2003/Dec 30
(c) 2003 The Dialog Corp.
? ds

Set	Items	Description
S1	14857	VENDING(3N)MACHINE?
S2	13394	(CASH OR COIN OR MONEY OR BILL OR BILLS) (3N) (MACHINE OR DI- SPENSER?)
S3	89195	(AGGREGAT? OR COLLECT? OR ANAYL?) (3N) (DATA OR STATISTICS OR USAGE)
S4	3608933	(SALES OR PURCHASES)
S5	23161	(BUYING OR CONSUMER?) (3N) (PREFERENC? OR HABITS)
S6	4742224	INTERNET OR NETWORK? OR WIRELESS OR SATELLITE?
S7	192732	TRANSMIT?
S8	112388	(LEAST? OR LESS?) (3N) (COST?)
S9	336871	COST()EFFECTIV?
S10	36	(S1 OR S2) (S)S3(2S) (S4 OR S5)
S11	26	S10/2000:2003
S12	10	S10 NOT S11
S13	8	RD (unique items)
S14	2	S13 AND S6 AND (S8 OR S9)
S15	0	(S1 OR S2) (7N)S3(7N) (S4 OR S5)
S16	0	S15/2000:2003
S17	0	S15 NOT S16
S18	0	RD (unique items)
S19	0	S18 NOT S14
?		

13/3,K/1 (Item 1 from file: 610)
DIALOG(R)File 610:Business Wire
(c) 2003 Business Wire. All rts. reserv.

00164347 19991231365B1019 (USE FORMAT 7 FOR FULLTEXT)
Corporate Profile for AeroComm, Inc., dated Dec. 31, 1999
Business Wire
Friday, December 31, 1999 06:01 EST
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 635

...leaders such as Telxon Corporation and Hunter Engineering.

Applications for the company's products include *vending* *machine* monitoring, remote control devices, handheld *data* *collection*, building security, HVAC, irrigation control, vehicle data applications, commercial lighting controllers, electronic signs, etc.

AeroComm maintains its headquarters in Lenexa, Kansas, a suburb of Kansas City, and a regional *sales* office in Salt Lake City, Utah. AeroComm's products are distributed throughout North America, Europe...

13/3,K/2 (Item 2 from file: 610)
DIALOG(R)File 610:Business Wire
(c) 2003 Business Wire. All rts. reserv.

00076420 19990719200B1365 (USE FORMAT 7 FOR FULLTEXT)
American Mobile To Deliver Wireless Telemetry Applications Through Partnerships with CA and cStar Technologies
Business Wire
Monday, July 19, 1999 10:03 EDT
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 959

...industry-leading, end-to-end enterprise management solution, and enables customers to manage equipment resources, *collect* *usage* *data* and send it directly to field service personnel. The partnership provides the most current technology for companies to monitor and manage various geographically remote equipment, such as *vending* *machines*, utility meters, overnight drop boxes, traffic lights, and automatic teller machines.

American Mobile is working...

...the device through the ARDIS network, allowing for the display and analysis of data, including *sales* information, inventory levels, and the overall health of the equipment. Through the Unicenter TNG Real...

13/3,K/3 (Item 1 from file: 624)
DIALOG(R)File 624:McGraw-Hill Publications
(c) 2003 McGraw-Hill Co. Inc. All rts. reserv.

01030845
Equipped for the Next Millennium: Innovative tools increase safety and productivity, but resistance to change slows acceptance

Engineering News-Record August 9, 1999; Pg 32; Vol. 243, No. 6
Journal Code: ENR ISSN: 0013-807X
Section Heading: COVER STORY: TOOLS
Word Count: 2,130 *Full text available in Formats 5, 7 and 9*

BYLINE:

By Matthew Phair, William G. Krizan and William J. Angelo

TEXT:

...exceeds the price of a worker," says Prenderville.
"We have seen a gradual increase in *sales* and rentals of remote control equipment on CA/T and other projects over the last five years," says Michael A. Wolstencroft, Boston *sales* rep for NationsRent. "We now have 30 rollers in the rental fleet, and we can...

...has a mechanical device that follows the surveyor from point to point," says Prenderville. "A *data* *collector* feeds the information back to an office computer for storage and drawings. Now we don...
...have to write anything down." Prices have dropped considerably so "you get a lot more *machine* for your *money*," notes Wolstencroft.

Ergonomics is a tough concept for users and purchasers of hand and power
...

13/3,K/4 (Item 2 from file: 624)
DIALOG(R)File 624:McGraw-Hill Publications
(c) 2003 McGraw-Hill Co. Inc. All rts. reserv.

0219377

WHERE THERE'S SMOKE, THERE'S A CRACKDOWN

Business Week June 11, 1990; Pg 30; Number 3163
Journal Code: BW ISSN: 0007-7135
Section Heading: In Business This Week
Word Count: 177 *Full text available in Formats 5, 7 and 9*

BYLINE:

EDITED BY HARRIS COLLINGWOOD

TEXT:

...devising a rule that would regulate tobacco smoke as an indoor air pollutant. OSHA is *collecting* scientific *data* on passive smoke that it could use to support a possible standard to restrict workplace...

... Meanwhile, Health & Human Services Secretary Dr. Louis Sullivan is pushing the states to outlaw cigarette *vending* *machines* and to license *sales* of cigarettes the same way they do alcohol.

At the state level, Michael Dukakis, the...

13/3,K/5 (Item 1 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2003 The Dialog Corp. All rts. reserv.

08685084 (USE FORMAT 7 OR 9 FOR FULLTEXT)

(CNW) Telemetrix, Inc. Receives Notice of Allowance for a Patent
Application Directed to a Method Of Automatically Collecting and
Transmitting Telemetry Information

CANADA NEWSWIRE

December 13, 1999

JOURNAL CODE: WCNW LANGUAGE: English RECORD TYPE: FULLTEXT

Karen Lehman EIC 3600 30-Dec-03

WORD COUNT: 577

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... service bureau, or which can be operated by any service bureau or service provider that *purchases* the Telemetrix Solutions software.

Telemetrix Technologies is currently in the process of completing its manufacturing...

13/3,K/6 (Item 2 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
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08681942 (USE FORMAT 7 OR 9 FOR FULLTEXT)
**Telemetrix, Inc. Receives Notice of Allowance for a Patent Application
Directed to a Method Of Automatically Collecting and Transmitting
Telemetry Information**
PR NEWSWIRE
December 13, 1999
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 576

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... service bureau, or which can be operated by any service bureau or service provider that *purchases* the Telemetrix Solutions software.

Telemetrix Technologies is currently in the process of completing its manufacturing...

13/3,K/7 (Item 3 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2003 The Dialog Corp. All rts. reserv.

03167289 (USE FORMAT 7 OR 9 FOR FULLTEXT)
**SUNCOM Telecommunications Announces Valuation of Pending Business
Combination By The Yankee Group**
PR NEWSWIRE
October 20, 1998
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 1129

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... including voice communications, automatic utility meter reading (with load-shedding controls), home security, home health, *vending* *machine* replenishment, as well as numerous other specialty applications for home and business. These monitoring functions...

... and equipment. The showcase is a key element in the marketing strategy for reaching WTC *sales* goals and generating new joint-venture arrangements.

DCT is an example of leading edge integrated...

13/3,K/8 (Item 4 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2003 The Dialog Corp. All rts. reserv.

02926276 (USE FORMAT 7 OR 9 FOR FULLTEXT)

ITALY: AUTOMATIC VENDING INDUSTRY: AN OVERVIEW

INTERNATIONAL MARKET INSIGHT REPORTS

September 22, 1998

JOURNAL CODE: FIMI LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 2579

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... systems. The frame describes how a number of established information elements, such as prices or *sales* of a certain product, are transferred. Today, more than 350 information elements have been established...

?

14/3,K/1 (Item 1 from file: 610)
DIALOG(R)File 610:Business Wire
(c) 2003 Business Wire. All rts. reserv.

00164347 19991231365B1019 (USE FORMAT 7 FOR FULLTEXT)
Corporate Profile for AeroComm, Inc., dated Dec. 31, 1999
Business Wire
Friday, December 31, 1999 06:01 EST
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 635

TEXT:
...also become part of the leading
databases and online services, including all of the leading
Internet-based services.

Published Date: Dec. 31, 1999

...State/Province: KS

ZIP/Postal Code: 66215

Country: USA
Main Telephone
Number: 913/492-2320

Internet URL: www.aerocomm.com

Chief Executive
Officer: Michael J. Varady

Investor Relations
Contact: Daniel A...

...Razack

PR Telephone
Number: 800/492-2320 x203

PR E-mail: trazack@aerocomm.com

Industry: *Wireless* Communication Equipment

Public Company: no
Company Description: AeroComm, Inc. designs, manufactures and markets
2.4GHz...

...operate without individual RF site licenses. Because
AeroComm spread spectrum systems use unlicensed frequencies, they *cost*
less to install and maintain since site licenses are not required.
Additional benefits include high interference immunity and high data
rates.

Since introducing its first *wireless* product in 1995, AeroComm has
shipped over 100,000 *wireless* connectivity devices for home, small
business and OEM markets. The recently introduced PKLR family of...

...immunity and smaller
size. Our unique and proprietary methods of implementing spread

spectrum technology enable *wireless* applications that were previously cost-prohibitive. AeroComm leverages this expertise to create products offering a...

...engineering. A competent team of sales/support technicians is in place to sustain customer growth.

Wireless printer sharing systems: Our GoPrint line of *wireless* printer sharing devices allows small business and SOHO customers to connect up to 6 printers with up to 64 PCs eliminating the need for complex *networking* when printer sharing is the primary requirement. GoPrints are available direct from AeroComm, as well...

...leaders such as Telxon Corporation and Hunter Engineering.

Applications for the company's products include *vending* *machine* monitoring, remote control devices, handheld *data* *collection*, building security, HVAC, irrigation control, vehicle data applications, commercial lighting controllers, electronic signs, etc.

AeroComm maintains its headquarters in Lenexa, Kansas, a suburb of Kansas City, and a regional *sales* office in Salt Lake City, Utah. AeroComm's products are distributed throughout North America, Europe...

...INDUSTRY NAMES: *INTERNET*; ...

...*NETWORKS*;

14/3,K/2 (Item 1 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2003 The Dialog Corp. All rts. reserv.

03167289 (USE FORMAT 7 OR 9 FOR FULLTEXT)
SUNCOM Telecommunications Announces Valuation of Pending Business
Combination By The Yankee Group
PR NEWSWIRE
October 20, 1998
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 1129

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... care services, Telemetrix Resource Group, a software billing system company and Western Total Communications, a *wireless* telecommunications provider and technology company into a newly-formed company called Telemetrix Inc.

The business...

... has three patent applications pending, covering multiple technology claims. DCT provides the infrastructure components to *cost* *effectively* deploy *Wireless* Local Loop ("WLL") telephone service within a PCS service area. Once deployed, DCT can then...

... including voice communications, automatic utility meter reading (with load-shedding controls), home security, home health, *vending* *machine* replenishment, as well as numerous other specialty applications for home and business. These monitoring functions...

... and equipment. The showcase is a key element in the marketing strategy for reaching WTC *sales* goals and generating new joint-venture arrangements.

DCT is an example of leading edge integrated...

... consumer uses. Leveraging this core research, the Yankee Group is committed to helping clients develop *Internet*-enabled market initiatives providing industry-specific services for energy, media and entertainment companies.

SUNCOM has...

... customer service facilities. The company has targeted four specific industries for penetration: small cable companies, *Internet* service providers, medical and healthcare products, and consumer products. The company's focus is on and the teleconstruct business (the business of installing the fiber optic *network* in order to install curb-to-office capabilities).

/CONTACT: Cary Bremen, Investor Relations of SUNCOM...

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show files
File 610:Business Wire 1999-2003/Dec 30
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(c) 1999 Business Wire
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File 624:McGraw-Hill Publications 1985-2003/Dec 29
(c) 2003 McGraw-Hill Co. Inc
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File 20:Dialog Global Reporter 1997-2003/Dec 30
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S1	14857	VENDING(3N)MACHINE?
S2	13394	(CASH OR COIN OR MONEY OR BILL OR BILLS) (3N) (MACHINE OR DI-SPENSER?)
S3	89195	(AGGREGAT? OR COLLECT? OR ANAYL?) (3N) (DATA OR STATISTICS OR USAGE)
S4	3608933	(SALES OR PURCHASES)
S5	23161	(BUYING OR CONSUMER?) (3N) (PREFERENC? OR HABITS)
S6	4742224	INTERNET OR NETWORK? OR WIRELESS OR SATELLITE?
S7	192732	TRANSMIT?
S8	112388	(LEAST? OR LESS?) (3N) (COST?)
S9	336871	COST()EFFECTIV?
S10	36	(S1 OR S2) (S)S3(2S) (S4 OR S5)
S11	26	S10/2000:2003
S12	10	S10 NOT S11
S13	8	RD (unique items)
S14	2	S13 AND S6 AND (S8 OR S9)
S15	0	(S1 OR S2) (7N)S3(7N) (S4 OR S5)
S16	0	S15/2000:2003
S17	0	S15 NOT S16
S18	0	RD (unique items)
S19	0	S18 NOT S14
?		

show files
File 15:ABI/Inform(R) 1971-2003/Dec 30
(c) 2003 ProQuest Info&Learning
File 9:Business & Industry(R) Jul/1994-2003/Dec 29
(c) 2003 Resp. DB Svcs.
File 275:Gale Group Computer DB(TM) 1983-2003/Dec 30
(c) 2003 The Gale Group
File 621:Gale Group New Prod.Annou.(R) 1985-2003/Dec 25
(c) 2003 The Gale Group
File 636:Gale Group Newsletter DB(TM) 1987-2003/Dec 30
(c) 2003 The Gale Group
File 16:Gale Group PROMT(R) 1990-2003/Dec 30
(c) 2003 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group
File 148:Gale Group Trade & Industry.DB 1976-2003/Dec 25
(c) 2003 The Gale Group
? ds

Set	Items	Description
S1	35947	VENDING(3N)MACHINE?
S2	15161	(CASH OR COIN OR MONEY OR BILL OR BILLS) (3N) (MACHINE OR DI-SPENSER?)
S3	284994	(AGGREGAT? OR COLLECT? OR ANAYL?) (3N) (DATA OR STATISTICS OR USAGE)
S4	8394671	(SALES OR PURCHASES)
S5	67315	(BUYING OR CONSUMER?) (3N) (PREFERENC? OR HABITS)
S6	8266019	INTERNET OR NETWORK? OR WIRELESS OR SATELLITE?
S7	505287	TRANSMIT?
S8	270335	(LEAST? OR LESS?) (3N) (COST?)
S9	748524	COST()EFFECTIV?
S10	120	(S1 OR S2) (S) S3(2S) (S4 OR S5)
S11	40	S10/2000:2003
S12	80	S10 NOT S11
S13	45	RD (unique items)
S14	8	S13 AND S6 AND (S8 OR S9)
S15	20	(S1 OR S2) (7N) S3(7N) (S4 OR S5)
S16	9	S15/2000:2003
S17	11	S15 NOT S16
S18	7	RD (unique items)
S19	7	S18 NOT S14
?		

14/3,K/1 (Item 1 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

02037124 SUPPLIER NUMBER: 19101964 (USE FORMAT 7 OR 9 FOR FULL TEXT)

***Wireless*: CellNet Data Systems and PSI announce alliance to integrate
wireless and telephone communications technologies. (Process Systems)
(Company Business and Marketing)**

EDGE, on & about AT&T, v12, p10(1)

Feb 3, 1997

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 1242 LINE COUNT: 00111

***Wireless*: CellNet Data Systems and PSI announce alliance to integrate
wireless and telephone communications technologies. (Process Systems)
(Company Business and Marketing)**

TEXT:

...Analyzer Plus (EA+) software application into the CellNet system, enabling CellNet to offer multi-technology *Network* Meter Reading (NMR) services to utilities for their commercial and industrial customers.

... EA+ software application provides a complete system for collecting data over the public switched telephone *network* (PSTN) from a variety of manufacturers' high-end electric and gas meters. CellNet will license...
...of the data collected via modem into its relational database with data collected from its *wireless* *networks*.

Using PSI's EA+, CellNet's *networks* will now provide communications services for utility meters located both inside and outside of CellNet's *wireless* *network* boundaries, delivering data to utilities through one seamless database, regardless of which communication medium is...

...billing data, detailed energy usage profiles, and power quality and reliability measurements via both its *wireless* *network* and the PSTN.

The multi-technology *network* will support the information requirements of utilities striving to provide new services before mandated competition...

...and Marketing Manager at PSI. "Our software, combined with CellNet's flexible, open architecture and *network* services, will allow utilities to quickly deliver new, differentiated energy products, with on-line information...

...CellNet commercial and industrial product line which includes on-line information services via CellNet's *wireless* *network*. CellNet has been delivering commercial and industrial meter communication modules for retrofit to poly-phase...

...of industry restructuring. Additionally, the company is able to deliver a flexible approach to utility *network* services, including rapid automation of strategic commercial and industrial customers.

"With the addition of the...

...customer services. Our customers can exactly map their marketing and customer service strategy to CellNet *network* information services by choosing to automate select customer segments and add on as necessary or...

...available in international markets.

CellNet Data Systems, Inc. with headquarters in San Carlos, Calif., provides *Network* Meter Reading and other *network* information services to the utility industry. CellNet's *wireless* *network* *collects* timely *sales* and *usage* data and delivers information to utilities, allowing them to create a strategic competitive advantage. The *network* can also be

used for other commercial *wireless* data applications such as home security and remote status monitoring of *vending* *machines* and office equipment. CellNet employs approximately 500 people worldwide.

PSI, headquartered in Charlotte, NC, has...

...CellNet Data Systems, Inc. Monday announced the successful and on-time completion of CellNet's *wireless* *network* for *Network* Meter Reading (NMR).

This system is now the largest operational fixed-point *network* for utility automation in the world, serving over 365,000 residential customers in Kansas and Missouri. Commercial and industrial meters will be added to the *network* over the next year.

In September 1994, KCPL and CellNet signed a long-term *network* services agreement to automate electric meters throughout their service territory via CellNet's data communications *network*. The *network* provides on-line automation and monitoring of such activities as meter reading and power distribution...

...usage analysis, time-of-use pricing, power outage reporting, and system voltage monitoring.

CellNet's *network* delivered immediate customer benefits to KCPL as soon as the utility integrated metering data with...

...of power are quickly identified; connect/disconnect activities are accomplished with minimal field visits. The *network* meters are sending service outage alarms which, in the near future, will be integrated into...

...This technology offers KCPL a competitive edge in the quickly changing utility world.

The CellNet *network* goes beyond meter reading-it serves as a platform for future services such as security...

...1998, KCPL plans to add their residential demand, and commercial and industrial customers to the *network*. Residential demand customers will be completed by year end 1997 and C&I customers will...

...competitive, forward-thinking utilities are looking for ways to differentiate and deliver their services more *cost* *effectively*," said John M. "Mick" Seidl, president and CEO at CellNet. "KCPL decided in 1994 to...

...operations. We were proud to have been selected by KCPL, and to have achieved successful *network* deployment."

Kansas City Power & Light Company ...primarily energy-related ventures.

CellNet Data Systems, Inc. with headquarters in San Carlos, Calif., provides *Network* Meter Reading and other *network* information services to the utility industry. CellNet's *wireless* *network* collects timely sales and usage data and delivers information to utilities, allowing them to create a strategic competitive advantage.

The *network* can also be used for other commercial *wireless* data applications such as home security and remote status monitoring of vending machines and office...

14/3,K/2 (Item 1 from file: 621)
DIALOG(R) File 621:Gale Group New Prod.Annou.(R)
(c) 2003 The Gale Group. All rts. reserv.

01733424 Supplier Number: 53099050 (USE FORMAT 7 FOR FULLTEXT)
SUNCOM Telecommunications Announces Valuation of Pending Business

Combination By The Yankee Group.

PR Newswire, p4589

Oct 20, 1998

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 1081

... care services, Telemetrix Resource Group, a software billing system company and Western Total Communications, a *wireless* telecommunications provider and technology company into a newly-formed company called Telemetrix Inc.

The business...

...TRG is also pursuing strategic partnerships with companies that have extensive North American and International *sales* forces and implementation capabilities. TRG will provide the back-office billing and facilities management component for many of the new *sales* initiatives developed by the Telemetrix group of companies.

Western Total Communications ("WTC")

WTC provides telecommunications...

...experience, derived from offering communications services within its own area, WTC has developed a proprietary *data* *collection* and transmission technology ("DCT"). This technology has three patent applications pending, covering multiple technology claims. DCT provides the infrastructure components to *cost* *effectively* deploy *Wireless* Local Loop ("WLL") telephone service within a PCS service area. Once deployed, DCT can then...

...including voice communications, automatic utility meter reading (with load-shedding controls), home security, home health, *vending* *machine* replenishment, as well as numerous other specialty applications for home and business. These monitoring functions...

...and equipment. The showcase is a key element in the marketing strategy for reaching WTC *sales* goals and generating new joint-venture arrangements.

DCT is an example of leading edge integrated...

...consumer uses. Leveraging this core research, the Yankee Group is committed to helping clients develop *Internet*-enabled market initiatives providing industry-specific ...customer service facilities. The company has targeted four specific industries for penetration: small cable companies, *Internet* service providers, medical and healthcare products, and consumer products. The company's focus is on...

...telephone call center business and the teleconstruct business (the business of installing the fiber optic *network* in order to install curb-to-office capabilities).

14/3,K/3 (Item 2 from file: 621)

DIALOG(R)File 621:Gale Group New Prod.Annou.(R)

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01475761 Supplier Number: 47040756 (USE FORMAT 7 FOR FULLTEXT)

CellNet Data Systems and Real Time Data Partner to Deliver Vending Machine Monitoring; CellNet's *Wireless* *Network* Carries New Business Opportunities.

Business Wire, p1160007

Jan 16, 1997

Language: English Record Type: Fulltext

Document Type: Newswire; Trade
Word Count: 636

(USE FORMAT 7 FOR FULLTEXT)

CellNet Data Systems and Real Time Data Partner to Deliver Vending Machine Monitoring; CellNet's *Wireless* *Network* Carries New Business Opportunities.

TEXT:

...a pilot program that will deliver timely information to vending machine operators over the CellNet *network*, allowing them to analyze sales to improve productivity and greatly increase sales and operating efficiencies. ... usage information. Data will be sent from the vending machines over CellNet's commercially installed *network*, and collected at Treat America's central office.

The vending data will enable Treat America...

...product diversity are forcing operators to utilize technology to manage information in a quick and *cost*-*effective* manner.

"We chose CellNet because they were able to offer a low-cost, long term communication solution for transmitting vending data over their high capacity *network*," said Scott Drum, vice-president of marketing at RTD. "The CellNet *network* helps us to offer our customers high service levels more economically."

The partnership with RTD marks the first implementation of the CellNet *wireless* data communications *network* for a new business application outside of the utility market. The CellNet *network*, which RTD will use to transmit vending data, has been installed and operating in the...

...area over the past two years and now provides Kansas City Power and Light with *network* meter reading services. Similar *networks* are also being deployed in Minneapolis/St. Paul, Seattle, St. Louis and the San Francisco Bay Area to transmit meter reading data.

"Our *network* was designed from the start to take advantage of low-cost *wireless* data transmission technology and to provide information services to a wide range of businesses," said Jim Jennings, vice president of *sales* and marketing at CellNet. "Working with RTD demonstrates the viability and cost benefits we can..."

...officer of Treat America.

CellNet Data Systems, Inc. with headquarters in San Carlos, Calif., provides *Network* Meter Reading and other *network* information services to the utility industry. CellNet's *wireless* *network* *collects* timely *sales* and *usage* data and delivers information to utilities, allowing them to create a strategic competitive advantage. The *network* can also be used for other commercial *wireless* data applications such as home security and remote status monitoring of *vending* *machines* and office equipment. CellNet employs approximately 500 people worldwide.

Information about CellNet and its products...

...World Wide Web at <http://www.cellnet.com> .

Founded in 1990, Real Time Data supplies *wireless* information systems that monitor remote points and transmit the information to central computers for display, reporting and analysis. The VendLink system enables the vending operator to achieve greater *sales* and reduce operating expenses by creating stricter cash controls, more efficient route scheduling and optimizing...

14/3,K/4 (Item 3 from file: 621)
DIALOG(R) File 621:Gale Group New Prod.Annou. (R)
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Karen Lehman EIC 3600 30-Dec-03

01423860 Supplier Number: 46691793 (USE FORMAT 7 FOR FULLTEXT)
CellNet Data Systems, Inc. and ConnexT Partner to Revolutionize Playing
Field for Deregulated Utilities; New Energy Services Are Key To
Identifying Key Players In New Age Of Utilities.
Business Wire, p9091022
Sept 9, 1996
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 618

The two companies have also signed a second agreement to deploy a 15,000 meter *network* for Puget Power customers in Olympia, Washington. Puget Power is already reading the meters which are on-line as part of this *network*. "We are very pleased with how the installation is going. It's quick and easy...

...services jointly offered by CellNet and ConnexT will allow utility customers to save money through *cost*-*effective* rate structures, to choose billing and payment schedules that suit their cash flow needs and...

...energy providers.

"ConnexT has partnered with CellNet because we recognize their industry experience in providing *wireless* data *network* services to utilities," said O'Neill. "Accurate, reliable and timely data transmission are mission critical...

...critical requirements."

Under the agreement, financial terms of which were not disclosed, CellNet will provide *wireless* data communications *network* services, while ConnexT will provide the utility software interfaces. Together, the companies will offer a...

...that utilities will then make available to their customers. Some of the services will include *Network* Meter Reading (NMR) and customer information system services including customer billing options, customer record management, time-of-use pricing options, outage management and planning tools.

"CellNet's *wireless* *network* coupled with ConnexT's solutions empower utilities to concentrate on customer service, rather than the development of proprietary software applications for their new *Network* Meter Reading systems," said Jim Jennings, CellNet vice president, *sales* and marketing. "We feel that ConnexT offers the breadth of applications to meet the needs...

...new age of deregulation. CellNet Data Systems, Inc., with headquarters in San Carlos, Calif., provides *Network* Meter Reading and other *network* information services to the utility industry.

CellNet's *wireless* *network* *collects* timely *sales* and *usage* data and delivers information to utilities, allowing them to create a strategic competitive advantage. The *network* can also be used for other commercial *wireless* data applications such as home security and remote status monitoring of *vending* *machines* and office equipment. CellNet is privately owned and employs approximately 500 people worldwide.

ConnexT, an...

...and water utilities, and retail customers. Capitalizing on advances in communications technology, especially in the *wireless* arena, ConnexT integrates the best and most *cost*-*effective* technology from the industry's leading developers with its own proprietary software into a competitive...

14/3,K/5 (Item 4 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
(c) 2003 The Gale Group. All rts. reserv.

01358603 Supplier Number: 46228549 (USE FORMAT 7 FOR FULLTEXT)
**CellNet Launches Broad Scale *Network* Rollout of its On-Line Metering
Services for Union Electric Company; Successfully Completes Phase I
Integration in 16 Weeks.**
Business Wire, p3181037
March 18, 1996
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 659

(USE FORMAT 7 FOR FULLTEXT)
**CellNet Launches Broad Scale *Network* Rollout of its On-Line Metering
Services for Union Electric Company; Successfully Completes Phase I...**
TEXT:
...metering services to energy utilities, today announced it has completed
Phase I integration of its *wireless* utility automation *network* for
Union Electric Company (UE) of St. Louis, Missouri.
... system, including load profile, time-of-use metering, demand
metering, and polyphase metering. Broad scale *network* rollout will begin
immediately.
UE contracted with CellNet last year for installation of the nation's
largest fixed-point *wireless* data *network*. The initial 5,000 meters,
the minimum for robust stability testing of *networks* of this kind, were
installed in St. Charles, Missouri, and were integrated and accepted in...
...UE expects to be billing from the Phase I meters by next month. When the
network is complete in 1998, UE will have more than 720,000 customer end
points on...
...said John M. (Mick) Seidl, CellNet's president and chief executive
officer. "When UE's *network* is complete, they'll have one of the most
advanced communications systems in the utility...

...Illinois and Missouri.
CellNet Data Systems, Inc., with headquarters in San Carlos, Calif.,
markets flexible, *cost*-effective*, *wireless* data communication systems
and services to the utility industry. CellNet's *network* *collects* timely
sales and *usage* data and delivers information to utilities enabling
them to create a strategic, competitive advantage. The *network* can also
be used for other commercial *wireless* data applications such as
monitoring widely distributed low-cost assets where the cost of
communications must be commensurate with asset value. Status monitoring of
vending *machines*, home security systems, office machines, traffic
lights and personal safety devices are examples of such...

14/3,K/6 (Item 1 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

03433507 Supplier Number: 47072290 (USE FORMAT 7 FOR FULLTEXT)
**CELLNET SYSTEM: KCPL & CellNet announce completion of largest *network*
meter reading system in U.S.**
M2 Presswire, pN/A
Jan 28, 1997

Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 589

(USE FORMAT 7 FOR FULLTEXT)

CELLNET SYSTEM: KCPL & CellNet announce completion of largest *network* meter reading system in U.S.

TEXT:

...Kansas City Power & Light and CellNet Data Systems announce on-time completion of the largest *network* meter reading system in the U.S.

(C)1994-97 M2 COMMUNICATIONS LTD

RDATE:270197

* *Network* delivers immediate customer benefits

Kansas City Power & Light Company (NYSE:KLT) and CellNet Data Systems, Inc. (NASDAQ:CNDS) today announced the successful and on-time completion of CellNet's *wireless* *network* for *Network* Meter Reading (NMR). This system is now the largest operational fixed-point *network* for utility automation in the world, serving over 365,000 residential customers in Kansas and Missouri. Commercial and industrial meters will be added to the *network* over the next year.

In September 1994, KCPL and CellNet signed a long-term *network* services agreement to automate electric meters throughout their service territory via CellNet's data communications *network*. The *network* provides on-line automation and monitoring of such activities as meter reading and power distribution...

...usage analysis, time-of-use pricing, power outage reporting, and system voltage monitoring.

CellNet's *network* delivered immediate customer benefits to KCPL as soon as the utility integrated metering data with...

...of power are quickly identified; connect/disconnect activities are accomplished with minimal field visits. The *network* meters are sending service outage alarms which, in the near future, will be integrated into...

...This technology offers KCPL a competitive edge in the quickly changing utility world.

The CellNet *network* goes beyond meter reading-it serves as a platform for future services such as security...

...1998, KCPL plans to add their residential demand, and commercial and industrial customers to the *network*. Residential demand customers will be completed by year end 1997 and C&I customers will...

...competitive, forward-thinking utilities are looking for ways to differentiate and deliver their services more *cost* *effectively*," said John M. "Mick" Seidl, president and CEO at CellNet. "KCPL decided in 1994 to...

...operations. We were proud to have been selected by KCPL, and to have achieved successful *network* deployment."

Kansas City Power & Light Company provides electric power to a growing and diversified service...

...primarily energy-related ventures.

CellNet Data Systems, Inc. with headquarters in San Carlos, Calif., provides *Network* Meter Reading and other *network* information services to the utility industry. CellNet's *wireless* *network* *collects* timely *sales* and *usage* data and delivers information to utilities, allowing them to create a strategic competitive advantage. The *network* can also be used for other commercial *wireless* data applications such as home

security and remote status monitoring of *vending* *machines* and office equipment. CellNet employs approximately 500 people worldwide.

CONTACT: Pam Levetzow, Kansas City Power...

14/3,K/7 (Item 2 from file: 636)
DIALOG(R) File 636:Gale Group Newsletter DB(TM)
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03419895 Supplier Number: 47041144 (USE FORMAT 7 FOR FULLTEXT)
CELLNET DATA SYSTEMS: CellNet Data and Real Time Data partner to deliver
vending machine monitoring
M2 Presswire, pN/A
Jan 16, 1997
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 686

RDATE:160197
* CellNet's *Wireless* *Network* carries new business opportunities
CellNet Data Systems, Inc. (NASDAQ: CNDS) and Real Time Data, Inc...

...a pilot program that will deliver timely information to vending machine operators over the CellNet *network*, allowing them to analyze sales to improve productivity and greatly increase sales and operating efficiencies
...

...usage information. Data will be sent from the vending machines over CellNet's commercially installed *network*, and collected at Treat America's central office. The vending data will enable Treat America...
...product diversity are forcing operators to utilize technology to manage information in a quick and *cost*-*effective* manner.

"We chose CellNet because they were able to offer a low-cost, long term communication solution for transmitting vending data over their high capacity *network*," said Scott Drum, vice-president of marketing at RTD. "The CellNet *network* helps us to offer our customers high service levels more economically."

The partnership with RTD marks the first implementation of the CellNet *wireless* data communications *network* for a new business application outside of the utility market. The CellNet *network*, which RTD will use to transmit vending data, has been installed and operating in the...

...area over the past two years and now provides Kansas City Power and Light with *network* meter reading services. Similar *networks* are also being deployed in Minneapolis/St. Paul, Seattle, St. Louis and the San Francisco Bay Area to transmit meter reading data.

"Our *network* was designed from the start to take advantage of low-cost *wireless* data transmission technology and to provide information services to a wide range of businesses," said Jim Jennings, vice president of *sales* and marketing at CellNet. "Working with RTD demonstrates the viability and cost benefits we can...
...officer of Treat America.

CellNet Data Systems, Inc. with headquarters in San Carlos, Calif., provides *Network* Meter Reading and other *network* information services to the utility industry. CellNet's *wireless* *network* *collects* timely *sales* and *usage* data and delivers information to utilities, allowing them to create a strategic competitive advantage. The *network* can also be used for other commercial *wireless* data applications such as home security and remote status monitoring of *vending* *machines* and office equipment. CellNet employs approximately 500 people worldwide.

Information about CellNet and its products...

...World Wide Web at <http://www.cellnet.com>.

Founded in 1990, Real Time Data supplies *wireless* information systems that monitor remote points and transmit the information to central computers for display, reporting and analysis. The VendLink system enables the vending operator to achieve greater *sales* and reduce operating expenses by creating stricter cash controls, more efficient route scheduling and optimizing...

14/3,K/8 (Item 3 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

03137598 Supplier Number: 46422742 (USE FORMAT 7 FOR FULLTEXT)
CELLNET: ITI & CellNet enter alliance to provide *wireless* home security solutions for utilities
M2 Presswire, pN/A
May 31, 1996
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 657

(USE FORMAT 7 FOR FULLTEXT)
CELLNET: ITI & CellNet enter alliance to provide *wireless* home security solutions for utilities

TEXT:
M2 PRESSWIRE-31 May 1996-CELLNET: ITI & CellNet enter alliance to provide *wireless* home security solutions for utilities (C)1994-96 M2 COMMUNICATIONS LTD

... services to customers
SAN CARLOS, Calif. -- Interactive Technologies, Inc. (ITI), a leading manufacturer of supervised *wireless* security systems, and CellNet Data Systems, Inc., the leading provider of *wireless* data *network* services to the utility industry, today announced that they will team to deliver complete end-to-end *wireless* home security systems customized to meet the needs of utilities.

"By expanding our existing line...

...utilities enter the home-security market," said Duane Paulson, Vice President of Marketing at ITI, "*Wireless* security is a natural extension of the investment that utilities are already making in fixed *wireless* *networks* and value-added services."

The alliance addresses the ever increasing demands that industry deregulation will...

...are well positioned to compete as service providers. The partnership leverages ITI's expertise in *wireless* in-home security systems and CellNet's leadership in providing low-cost, highly reliable *wireless* data communications between the home and a central monitoring facility.

"Our utility customers are looking...

...to their customers," said James J. Jennings, Vice President of Sales and Marketing for CellNet. "*Wireless* home security is a natural extension of the capabilities of our system, and is just one more example of the many powerful *network* information services that utilities can benefit from having a relationship with CellNet."

The first pilots...

...St. Louis, Mo. in the fourth quarter of this year.

The new end-to-end *wireless* product will provide several performance

advantages over competitive offerings. It is designed to ensure greater...

...wires that burglars can cut to disable alarm monitoring of the home device. The CellNet *network* also provides continuous status monitoring of each home system in order to guarantee performance.

The...

...panel, and between the control panel and a telephone jack. This innovation will also provide *cost*-*effective* security for rental customers and for multi-family dwellings where frequent turnover limits interest in security products.

Since the introduction by ITI of the first supervised *wireless* security system in 1983, ITI has grown to become the leading designer and manufacturer of supervised *wireless* security systems in the United States.

CellNet's *network* is one of the fastest-growing applications of *wireless* technology. CellNet currently operates the largest, fixed-point *wireless* *network* commercially deployed to the utility industry. Unlike other automated meter reading technologies that provide monthly meter reads, CellNet's *network* delivers a wide range of on-line, real-time customer service options and applications. CellNet Data Systems, Inc., with headquarters in San Carlos, Calif., markets a flexible, *cost*-*effective*, two-way *wireless* data communication system to the utility industry. CellNet's *network* *collects* timely *sales* and *usage* data and delivers information to utilities enabling them to create a strategic, competitive advantage. The *network* can also be used for other commercial *wireless* data applications such as monitoring widely distributed low-cost assets where the cost of communications must be commensurate with asset value. Status monitoring of *vending* *machines*, home security systems, office machines, traffic lights and personal safety devices are examples of such

...

?

t 19/3,k/all

19/3,K/1 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2003 ProQuest Info&Learning. All rts. reserv.

00356705 87-15539
The End of 'Brute Force' -- Pacific Pride Replaces Mini with PC Network
Bright, David
Computerworld v21n15 PP: 35, 39 Apr 13, 1987
ISSN: 0010-4841 JRNL CODE: COW

...ABSTRACT: written in Ryan-McFarland Corp.'s RM/Cobol. Each franchise uses an identical method for *collecting* *data* from the fuel *vending* *machines*. To promote uniformity, Pacific Pride *purchases* the systems and sells them to the franchises at cost. Jannsen plans to add as...

19/3,K/2 (Item 1 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2003 Resp. DB Svcs. All rts. reserv.

1576659 Supplier Number: 01576659
Info System for Vending Machines
(Seven Japanese firms aim to start development sometime in 1996 on a hand-held terminal system for vending machines)
Japan Industrial Journal, p 1
August 19, 1996
DOCUMENT TYPE: Business Newspaper (Japan)
LANGUAGE: Japanese RECORD TYPE: Abstract

ABSTRACT:
...agreed to standardize their information-management systems that collect via optical interface such data as *sales* records from *vending* *machines*. The companies will consolidate *data* *collection* processes and encoding systems that plug possible data leaks. The companies have already entered the...

19/3,K/3 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

07039029 Supplier Number: 55820376 (USE FORMAT 7 FOR FULLTEXT)
VSCAN MARKET WATCH REPORT.
Automatic Merchandiser, v41, n8, p10
August, 1999
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 1174

... the list in the 20th place.
About the data

The VSCAN data is based on *sales* from approximately 10,000 *vending* *machines* nationwide. The *data* is *collected* and analyzed by Management Science Associates Inc. in Pittsburgh, Pa. Additional information, including data broken...

19/3,K/4 (Item 2 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

06177072 Supplier Number: 54044686 (USE FORMAT 7 FOR FULLTEXT)
Putting Service Levels in Perspective. (Industry Trend or Event) (Column)
Willis, David
Network Computing, p85(1)
March 8, 1999
Language: English Record Type: Fulltext
Article Type: Column
Document Type: Magazine/Journal; Trade
Word Count: 1506

... they need-reducing warehouse space and radically reducing the distribution cost. These systems might even *collect* and correlate *data* between the host bar and its *vending* *machine* to better predict trends. For example, we might discover that Zima *sales* typically track with those of Lady Smith revolvers, and we can plan accordingly.

Dramatic technology...

19/3,K/5 (Item 1 from file: 160)
DIALOG(R)File 160:Gale Group PROMT(R)
(c) 1999 The Gale Group. All rts. reserv.

00593780
Setting industrywide standards must preceed automatic *sales* *data*
collection and retrieval ability for *vending* machines via
microprocessors, *vending* *machine* and *coin* mechanism manufacturers
and vending operators agreed at a recent National Automatic
Merchandising Assn (NAMA) workshop.
Vending Times September, 1980 p. 5

Setting industrywide standards must preceed automatic *sales* *data*
collection and retrieval ability for *vending* machines via
microprocessors, *vending* *machine* and *coin* mechanism manufacturers
and vending operators agreed at a recent National Automatic
Merchandising Assn (NAMA) workshop.

19/3,K/6 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

08564393 SUPPLIER NUMBER: 18095301 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Getting on the information highway: on-line communications improve as route
accounting software packages deliver flexibility and control.
Kelley, Kristine Portnoy
Beverage Industry, v87, n2, p36(2)
Feb, 1996
ISSN: 0148-6187 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 598 LINE COUNT: 00050

...ABSTRACT: Cola Logansport and Beloit Beverage are using route
accounting software to better manage their product *sales* information.
Pepsi-Cola Logansport plans to use its software to *collect* *sales* *data*
from *vending* *machines* and produce product *sales* reports for its
customers. Beloit Beverage's software has innovative features such as
delivery of...

19/3,K/7 (Item 2 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

07580494 SUPPLIER NUMBER: 15925050 (USE FORMAT 7 OR 9 FOR FULL TEXT)
JOHN FORRESTER JOINS LIBERTY TECHNOLOGIES AS VICE-PRESIDENT FOR SALES AND
MARKETING

PR Newswire, p1201PH010

Dec 1, 1994

LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 375 LINE COUNT: 00033

... bar code scanning equipment as well as coin and bill acceptors for
pay phones and *vending* *machines*. Forrester was responsible for the
sales and marketing of products used in the telecommunications, *data*
collection and transportation fields. He holds an undergraduate degree in
mathematics from the University of North...
?

show files

File 256:SoftBase:Reviews,Companies&Prods. 82-2003/Nov

(c)2003 Info.Sources Inc

? ds

Set	Items	Description
S1	18	VENDING(3N)MACHINE?
S2	9	(CASH OR COIN OR MONEY OR BILL OR BILLS) (3N) (MACHINE OR DI- SPENSER?)
S3	1853	(AGGREGAT? OR COLLECT? OR ANAYL?) (3N) (DATA OR STATISTICS OR USAGE)
S4	6968	(SALES OR PURCHASES)
S5	48	(BUYING OR CONSUMER?) (3N) (PREFERENC? OR HABITS)
S6	54482	INTERNET OR NETWORK? OR WIRELESS OR SATELLITE?
S7	1218	TRANSMIT?
S8	684	(LEAST? OR LESS?) (3N) (COST?)
S9	630	COST()EFFECTIV?
S10	0	(S1 OR S2) AND S3 AND (S4 OR S5)
S11	1	(S1 OR S2) (5N)S3
S12	1	S11 NOT S10
S13	0	(S1 OR S2) AND S3 AND S6
?		

ALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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02561614 DOCUMENT TYPE: Company

TelTone Corp (561614)
22116 23rd Dr SE
Bothell, WA 98021 United States
TELEPHONE: (425) 487-1515
TOLL FREE TELEPHONE NUMBER: (800) 426-3926
FAX: (425) 487-2288
HOMEPAGE: <http://www.teltone.com>

RECORD TYPE: Directory

CONTACT: Sales Department

ORGANIZATION TYPE: Corporation
STATUS: Active

SALES: NA

PERSONNEL: Ross, Kermit, VP Marketing; Ross, Kermit, VP Sales
REVISION DATE: 20020425
...these markets include utility substation and industrial meter reading,
elevator equipment monitoring, and self-service *coin*-counting *machine*
data *collection*.
?

2 1 S11 NOT S10
 ? show files
 File 35:Dissertation Abs Online 1861-2003/Nov
 (c) 2003 ProQuest Info&Learning
 File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
 (c) 2002 The Gale Group
 File 65:Inside Conferences 1993-2003/Dec W4
 (c) 2003 BLDSC all rts. reserv.
 File 2:INSPEC 1969-2003/Dec W2
 (c) 2003 Institution of Electrical Engineers
 File 144:Pascal 1973-2003/Dec W2
 (c) 2003 INIST/CNRS
 File 233:Internet & Personal Comp. Abs. 1981-2003/Aug
 (c) 2003 EBSCO Pub.
 File 474:New York Times Abs 1969-2003/Dec 29
 (c) 2003 The New York Times
 File 475:Wall Street Journal Abs 1973-2003/Dec 29
 (c) 2003 The New York Times
 File 99:Wilson Appl. Sci & Tech Abs 1983-2003/Nov
 (c) 2003 The HW Wilson Co.
 ? ds

Set	Items	Description
S1	2912	VENDING(3N)MACHINE?
S2	2775	(CASH OR COIN OR MONEY OR BILL OR BILLS) (3N) (MACHINE OR DISPENSER?)
S3	139645	(AGGREGAT? OR COLLECT? OR ANAYL?) (3N) (DATA OR STATISTICS OR USAGE)
S4	576244	(SALES OR PURCHASES)
S5	2863	(BUYING OR CONSUMER?) (3N) (PREFERENC? OR HABITS)
S6	1652830	INTERNET OR NETWORK? OR WIRELESS OR SATELLITE?
S7	194409	TRANSMIT?
S8	17400	(LEAST? OR LESS?) (3N) (COST?)
S9	66884	COST()EFFECTIV?
S10	2	(S1 OR S2) AND S3 AND (S4 OR S5)
S11	3	(S1 OR S2).(5N)S3
S12	1	S11 NOT S10
?		

10/7/1 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2003 Institution of Electrical Engineers. All rts. reserv.

6205540 INSPEC Abstract Number: B1999-05-7210G-002

Title: *Data* *collection* system for *vending* *machines* using PHS
(Personal Handy Phone System)

Author(s): Tanaka, Y.; Imai, T.

Journal: Matsushita Technical Journal vol.44, no.6 p.75-82

Publisher: Matsushita Electric Industrial Co,

Publication Date: Dec. 1998 Country of Publication: Japan

ISSN: 1343-9529

SICI: 1343-9529(199812)44:6L:75:DCSV;1-I

Material Identity Number: G497-1999-001

Language: Japanese Document Type: Journal Paper (JP)

Treatment: Practical (P).

Abstract: The *sales* *data* *collecting* system has been developed for *vending* *machines* by grouping the PHS communication devices connected to *vending* *machines* with a PHS (slave phone) direct communication function. The system *collects* all the *data* from the devices from one parent device within the group. Soft drink manufacturers have been working on the on-line project (communication between the center and each *vending* *machine*) using wired lines. The project, however, has not made progress because of such problems as complicated wiring, frequent moving/exchange/removal of *vending* *machines* accompanied by intricate communication settings, and increases in the communication cost. This system solves these problems by use of PHS. High reliability of communication between the connection devices is required in reducing the communication cost by grouping. This problem has been solved by developing a new system for regularly checking the condition of the connection devices within the group and searching for the optimum route to send *sales* data. The system is now being applied all over the country, contributing to working process improvement for *sales* drivers and field service engineers on site. (1 Refs)

Subfile: B

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10/7/2 (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC

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4948155 INSPEC Abstract Number: B9506-6250-039, C9506-7180-013

Title: *Vending* *machine* *data* *collection* system

Author(s): Endo, Y.; Iriyama, M.; Yamazaki, Y.

Journal: Sanyo Technical Review vol.27, no.1 p.26-33

Publication Date: 1995 Country of Publication: Japan

CODEN: STRVD8 ISSN: 0285-516X

Language: Japanese Document Type: Journal Paper (JP)

Treatment: Applications (A); Practical (P)

Abstract: We have developed a *vending* *machine* *data* *collection* system that uses a specified low-power radio requiring no license or application. The system enables a user to receive *sales* information and warning alarms, thereby enabling more efficient product distribution and increased *sales* opportunities. The specified low-power radio which has been developed for *vending* *machines* includes functions such as error correcting codes, a retransmitting system, and a repeater function, which provide the system with high reliability. The computer system displays and prints error codes, sold-out alarms, stock status and other data which is useful for operation. (2 Refs)

Subfile: B C

t 12/7

12/7/1 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2003 Institution of Electrical Engineers. All rts. reserv.

01009226 INSPEC Abstract Number: B77008420

Title: Ticket issuing and inspection system in JNR

Author(s): Maruyama, H.; Kageyama, N.

Author Affiliation: Railway Tech. Res. Inst., Tokyo, Japan

Journal: Quarterly Report of the Railway Technical Research Institute
vol.17, no.2 p.49-53

Publication Date: June 1976 Country of Publication: Japan

CODEN: QRTIA8 ISSN: 0033-9008

Language: English Document Type: Journal Paper (JP)

Treatment: General, Review (G)

Abstract: RTRI of JNR has developed various types of ticket issuing and inspection *machines*, such as ticket *vending* *machine*, printing/issuing *machine*, *data* *collecting* machine and automatic ticket inspection gate. For the automatic ticket inspection system, RTRI also developed a standard ticket testing device which is very useful not only for JNR but also for private railways in order to apply this system, specially to their intercommunications. (0 Refs)

Subfile: B

?